

Application No. 10/801,546  
Attorney Docket No.: 042122  
Response Under 37 C.F.R. § 1.111

### **REMARKS**

Claims 1, 2, 4, 5, 8-13 and 17-36 are pending in the present application.

#### **Claim Rejections - 35 U.S.C. §§ 102 and 103**

Claims 1, 2, 4, 5, 8-13, 17, 18, 23-31 and 34-36 were rejected under 35 U.S.C. § 102(b) as being anticipated by or, in the alternative, under 35 U.S.C. § 103(a) as obvious over **Igarashi** (U.S. 6,210,817); and claims 20-22, 32 and 33 were rejected under 35 U.S.C. § 103(a) as being unpatentable over **Igarashi** in view of **Motomatsu** (U.S. 6,689,493).

Favorable reconsideration is requested.

Applicant respectfully submits that Igarashi does not teach or suggest a perylene compound represented by formula (1) wherein in formula (1) two or more of R<sup>1-12</sup>, each have a structure represented by formula (2) with the rest being hydrogen, and wherein in formula (2), R<sup>13</sup> and R<sup>14</sup> are, independently from each other, an aromatic group that may be substituted, or an aliphatic group that may be substituted as recited in claims 1 and 11.

The Office Action cites formula (a) of Igarashi as corresponding to a compound of formula (1) as recited in claims 1 and 11. However, Igarashi discloses that the compounds in Igarashi have at least two repeating units represented by formula (a). (Col. 3, lines 5-10.) From this viewpoint alone, it is clear that Igarashi's compounds do not include the compounds represented by formula (1) in claim 1 of the present application. It is not appropriate to compare the repeating unit of formula (a) of Igarashi with the component of formula (1) of the present application.

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Furthermore, the compound as recited in claims 1 and 11 produces a red emission. (*See, e.g.,* specification, page 49, lines 8-12; page 50, line 21 through page 54, line 15.) By contrast, Igarashi discloses a compound producing blue luminescence. (*See, e.g.,* col. 1, lines 52-53; col. 20, lines 43-67.)

Therefore, the compound as recited in claims 1 and 11 is neither anticipated by nor obvious over Igarashi.

Regarding claims 20-22, 32 and 33, Motomatsu does not disclose the aromatic amine compounds described in formula (3) and formula (4) as recited in the claims.

For at least the foregoing reasons, claims 1, 11, 20-22, 32 and 33 are patentable over the cited references, and claims 2, 4, 5, 8-10, 12, 13 and 17-36 are patentable by virtue of their dependence from either claim 1 or 11. Accordingly, withdrawal of the rejection of claims 1, 2, 4, 5, 8-13 and 17-36 is hereby solicited.

In view of the above remarks, Applicant submits that that the claims are in condition for allowance. Applicant requests such action at an early date.

If the Examiner believes that this application is not now in condition for allowance, the Examiner is requested to contact Applicant's undersigned attorney to arrange for an interview to expedite the disposition of this case.

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If this paper is not timely filed, Applicant respectfully petitions for an appropriate extension of time. The fees for such an extension or any other fees that may be due with respect to this paper may be charged to Deposit Account No. 50-2866.

Respectfully submitted,  
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